

50X1-HUM

CENTRAL INTELLIGENCE AGENCY

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INFORMATION REPORT

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SECURITY INFORMATION

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COUNTRY	East Germany	REPORT	
SUBJECT	VEB Funkanlagen, Berlin-Koepenick, Development Tasks for 1953 and Personnel	DATE DISTR.	23 November 1953
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50X1-HUM

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

50X1-HUM

1. 1953 tasks of VEB Funkanlagen, Berlin-Koepenick, as of 1 May 1953a. Abbreviations (also in use in VEB Funkwerk Koepenick):

BUN = Bulgarien = Bulgaria
KN = Kommerzielle Nachrichtengerate = Commercial communications apparatus
PON = Polen = Poland
RUM = Rumänien = Rumania
SL = Sender, Langwellen = Long wave transmitter
SM = Sender, Mittelwellen = Medium wave transmitter
SO = Sonderfertigung = Special production
CSR = Czechoslovakia

b. Code numbers

Each task has a code number; for example, "a-bsss". In these code numbers, "a" = the department working on the task, according to the following key:

a = 1 = Main Department for Technical Planning (HA/TP)
2 = Main Department for Current Supply (HA/ST)
3 = Main Department for Construction and Design (HA/BAU)
4 = Main Department for Special Apparatus (HA/SO)
5 = Main Department for Assembly (HA/M)

b = Customer for the task, according to the scale:

b = 1 = Inland (i.e., East Germany)
2 = Abroad

sss = serial number

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STAT*	x	ARMY	x	NAVY	x	AIR	x	FBI		AEC		ORR Ev	x	CSI Ev	x
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(Note: Washington Distribution List and By RVV) (See also Distribution List)

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- 2 -

50X1-HUM

c. List of tasks

- 1-1001 = SL2 (Total power about 750 KW)
- 1-2002 = BUN-1 (Medium wave 200 KW transmitter for Bulgaria, complete with 2 studio installations)
- 1-2003 = RUM-1 (2 x 10 KW medium wave commercial transmitters and 2 long wave 10 KW transmitters)
- 1-2005 = PON-SO-5 (Mobile 20 KW radio transmitter)
- 1-2006/7 = PON (2 aerial masts, about 240 m high)
- 1-2008/9 = PON (2 x 3 KW ultra short wave transmitters)
- 1-2012 = CSR-SO-4 (Mobile 20 KW radio transmitter)
- 1-1013 = KN-3 (5 KW short wave transmitter for Ministry of Foreign Affairs for East Asia service. Also for SOVIETSKY SOYUZ and YURY DOLGORUKI (ships) transmitters)
- 1-1014 = Transmitter transfer (Bernburg to Plauen - 20 KW, medium wave)
- 1-1015 = 2 x 3 KW ultra short wave transmitters
- 1-1016 = 10x 10 KW ultra short wave final stages for boosting existing stations
- 1-1017 = Monitoring installations for East German ultra short wave transmitters.
- 1-1021 = One testing and two monitoring installations for East Germany radio transmitters
- 1-1037 = Extension of the ultra short wave net
- 1-1038 = Extension of the TV net
- 1-1039 = TV relay installations (relay towers)
- 3-1040 = B1-53) Drawing designs for ultra
- 3-1041 = B2-53) short wave and TV trans-
- 3-1042 = B3-53) mitters. Also, for relay
- 3-1043 = B3a-53) stations in some cases,
- 3-1044/5/6/7/8 = B4/5/6/7/8-53) such as Leipzig, Inselberg, respectively) and Schwerin.
- 1-1049 = Transmitter house for transmitter at Golm near Potsdam
- 4-1054 = SO-1 = Missing emergency current supply apparatus (diesel) for 20 KW mobile transmitter
- 1-1055 = 150 KW valve testing transmitter
- 1-1056 = 20 KW valve testing transmitter
- 1-1057 = Z3 = Remaining work on project Z3 (Zwilling project = Hubertus = Berlin - Koepenick transmitter)
- 1-1058 = SM-1 = 200 KW transmitter (one half of a twin, Schwerin)
- 1-1059 = SM-3 = Twin 200 KW transmitter for Burg near Magdeburg
- 1-1060 = SM-4 = 200 KW transmitter for Dresden
- 1-1061 = SM-5 = 6 mobile 5 KW radio transmitters
- 1-1073 = SO-2 = Mobile 20 KW radio transmitter
- 1-1074 = SO-3 = Mobile 20 KW radio transmitter
- 1-1075 = Transmitter alteration at Plauen

2. Details of some of the 1953 tasks

- a. SL-2 was originally developed by Heinz Rein in Funkwerk Koepenick. It is now being erected at Zehlendorf, a small place roughly 30 kms. almost due north of the center of Berlin. The exact site of the transmitter is near the marker for 33.3 kms. on the Berlin-Zehlendorf road. Telephone number of the site is Wandlitz 373.
- b. BUN-1 was discussed in December 1952 by Funkwerk Koepenick and a member of the Minis of Posts, Sofia. A further discussion took place on 16 March 1953 in VEB Funkanlagen, attended by

Tsanov, (fnu)

Scheffler, (fnu)

Cosmar, (fnu)

Coenen, Hubert

Zurawka, (fnu)

Mueller, (fnu)

Bulgarian Trade

representative

DTA Elektrotechnik

Main Dept. for Radio

VEB Funkanlagen

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- 3 -

b. (cont)

Fischer, George

VEB Funkanlagen

At this discussion, it was mentioned that there was difficulty in holding to the completion dates at first contemplated because of:

- (1) difficulties in designing the cooling installations necessitated by the maximum temperature condition imposed, +45°C;
- (2) the additional work needed because of the reduction in power demanded;
- (3) the need for supplying the diesel with a cooler because of the maximum temperature condition.

In view of these difficulties, VEB Funkanlagen suggested that the drawings of the various parts would be ready between 20 March and 5 May 1953.

- c. SM-1 is more strictly a 200-220 KW twin transmitter project. One half has been erected at Schwerin during the past months and is to be ready on 1 October 1953. It will transmit on the present Schwerin wave-length (relaying a Berlin program) and may interfere with Hamburg transmissions.
- d. SM-2 does not exist as a project.
- e. SM-3 is a twin transmitter to relay Berlin-III from Burg near Magdeburg. The first half is to be ready by 1 November 1953.
- f. SM-4 was to have been ready, it was learned earlier this year, by 1 September 1953. It was later heard that there had been many troubles with its installation. It is not known if it was ready in time.
- g. SM-5 transmitters were for the East Germany Ministry of Posts and Telecommunications and were actually built in the main by Lorenz of Leipzig. If the originally agreed date for delivery is adhered to, two of these transmitters will be delivered by September 1953.

5. Notes on some staff members (as of May 1953)

50X1-HUM

a. Coenen, Hubert

Plant director.

[Redacted]

50X1-HUM

b. Drechsler, Hans

Head of the Main Department for Technical Planning.

[Redacted]

c. Fischer, Georg

Head of a section in the Main Department for Technical Planning.

[Redacted]

50X1-HUM

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- 4 -

d. Grund, Bruno

Responsible for antenna problems.

e. Jahnke, Gerhardt

Medium wave transmitter specialist.

f. Kirsch, Herbert

Head of the Main Department for Assemblies 50X1-HUM

g. Moecke, Werner

Responsible for studio apparatus.

h. Mueller, (fnu)

Concerned with BUN-1.

i. Perschau, Ingeline

Secretary to Hubert Goenen. 50X1-HUM

j. Stolberg, Walter

Technician (Operative-Ingenieur).

k. Weber, Hans

Responsible for medium wave transmitters. 50X1-HUM

l. Wille, Arthur

Responsible for antenna questions.

m. Zurawka, (fnu)

Concerned with BUN-1.

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